

- Dedicated, equipment-matched cooling supplies the proper temperature and water flow year round.
- Factory-tested, piped, wired and charged for hassle-free startup and operation.
- Clean, non-ferrous cooling loop, required for sensitive medical equipment.
- Local service and parts for quick and knowledgeable maintenance and service.
- Optional switch-over to alternate water source provides redundant, continuous operation.
- Optional remote monitoring systems keep you informed of chiller operation.
- UL/CSA listing on standard models.
- ISO 9001 certified company.

**Magnetom Open Specifications**

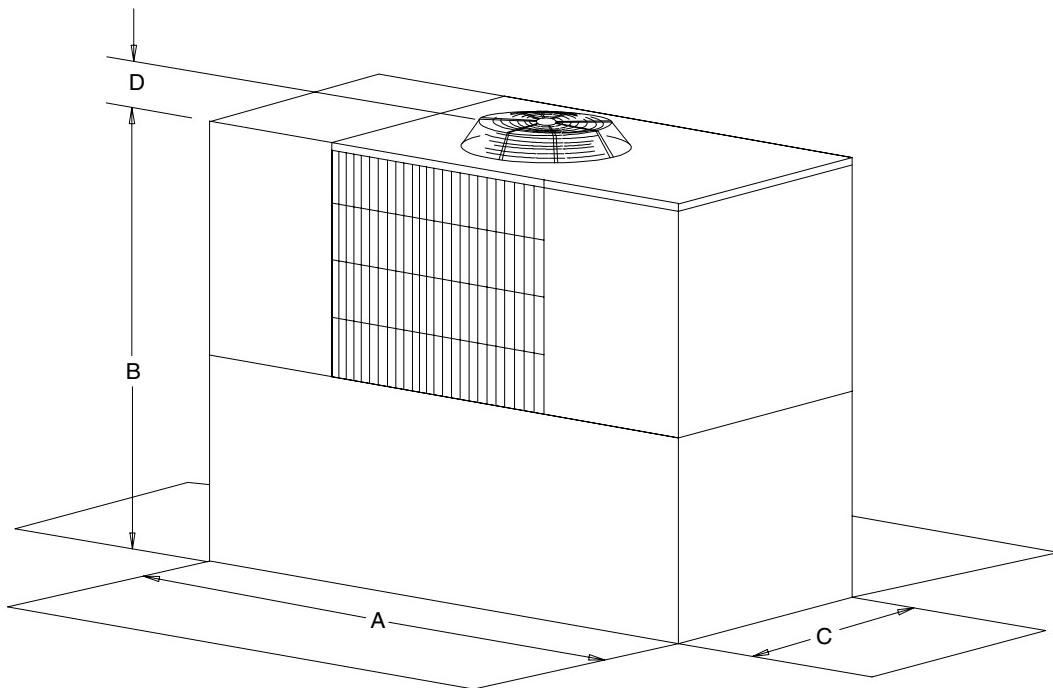
Fluid Specified	Water
Heat Dissipation—BTUH (kW)	75,000 (22)
Fluid Temperature Range—°F (°C)	41-48 (5-9)
Fluid Flow Rate—GPM (l/m)	8.5 (32.2)
Fluid Pressure Drop—PSI (kPa)	36.3 (250)

**Note:** Performance is based on 95°F condenser ambient.

**Process Fluid Chiller Specifications**

Model Number	PS120A	PS120A
Fluid Circulated	Water	Ethylene Glycol
Net Cooling Capacity—BTUH (kW)	91,600 (26.8)	84,400 (24.7)
Leaving Fluid Temperature—°F (°C)	45 (7.2)	45 (7.2)
Fluid Flow Rate—GPM (l/m)	8.5 (32.2)	10.5 (40)
Magnetom Open Pressure Drop—PSI (kPa)	21.8 (150)	49.3 (340)
Chiller Pressure Drop—PSI (kPa)	3.1 (21.4)	6.8 (46.9)
Pump Total Head—PSI (kPa)	65 (448.1)	64 (441.2)
Head Available for Piping Circuit—PSI (kPa)	40.1 (276)	7.9 (54.8)
Pump HP (kW)	3 (2.2)	3 (2.2)

Based on Siemens specification dated 07/97



Model No.	A-Width in. (mm)	B-Height in. (mm)	C-Depth in. (mm)	D	Weight lbs. (kg)	Voltage (60 Hz)
PS096A	77 (1956)	69.25 (1759)	38.5 (978)	5.5 (140)	750 (340)	460, 3-phase; 208/230, 3-phase
PS120A	77 (1956)	69.25 (1759)	38.5 (978)	5.5 (140)	750 (340)	460, 3-phase; 208/230, 3-phase

### Standard Features

- Indoor/outdoor cabinet
- Hermetic compressor
- Refrigerant dehydrator
- Expansion valve
- Refrigerant receiver
- Stainless steel fluid reservoir expansion tank
- Pressure relief valve
- Hot gas bypass valve capacity control
- Stainless steel pump

### Optional Features

- Refrigerant gauges and reservoir heater

### Suggested Options (may not be required)

- SFA#E7047-2 & E9099—Indoor wallbox with fluid filter, flow meter, temperature gauges, shut-off/ball valves and 1" hose barbs.

### Accessories

- Emergency water bypass
- Enviro-source emergency bypass
- Water level control and alarm system
- Fluid pressure gauge
- Check valve
- Dial thermometer
- Relief valve
- Circuit setter
- Ball valve
- High temperature thermostat
- Low flow switch
- Liebert RCM8 monitor

### Required Options

- 100 gallon stainless steel storage tank built into chiller frame



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